

State Injury Profile for Rhode Island

About the State Injury Profiles...

Following this introduction you will find the injury profile for your state and the nation. The maps and tables contain information on injury deaths and death rates; however, it is important to remember that hundreds of thousands of Americans are nonfatally injured each year, many of whom suffer permanent disabilities. Your state injury profile includes:

- The 10 leading causes of death by age group for your state and the nation. These charts contain the total number of deaths for the three-year period 1995 through 1997. The summary table at the bottom of each page shows the total number of injuries across all ages for the same three-year period and the average number of deaths per year.
- The tables on the next page show the number of deaths for your state and the nation for the leading causes of injury death (separated by the type of injury—unintentional, suicide, and homicide) for the same three-year period.
- The next pages contain U.S. maps indicating the death rate per 100,000 persons for all states over a three-year period (1995-1997) for the leading causes of injury death. Beneath each map is a graph showing the death rate over a 10-year period (1988-1997). These maps and graphs will allow you to compare death rates for your state to other states and understand the 10-year trend in your state compared to the U.S. trend.
- The last two maps in the Profile give death-rate data and 10-year trends for two of the most frequent and disabling types of injury-related deaths: traumatic brain injury-related deaths, which can be caused by falls, firearms, motor-vehicle crashes, or other causes; and firearm-related deaths, unintentional or the result of homicide or suicide.

This State Injury Profile 2000 is presented as an appendix to the Centers for Disease Control and Prevention (CDC) Injury Fact Book, *Working to Prevent and Control Injury in the United States*. The Fact Book contains information regarding the cost of injury and the value of prevention, the work of CDC's National Center for Injury Prevention and Control, and the Safe USA Partnership Council. The Fact Book also contains fact sheets for many of the leading causes of injury death. Additional information can also be obtained from—

- The CDC National Center for Injury Prevention and Control web site: <http://www.cdc.gov/ncipc/>
- The CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation, and Legislation: 770-488-4936
- Safe USA web site: <http://www.cdc.gov/safe/>
- Safe USA toll-free number: 1-888-252-7751

United States

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 19,113	Unintentional Injuries 6,432	Unintentional Injuries 4,734	Unintentional Injuries 5,614	Unintentional Injuries 41,018	Unintentional Injuries 38,858	Malignant Neoplasms 51,258	Malignant Neoplasms 134,242	Malignant Neoplasms 261,040	Heart Disease 1,834,538	Heart Disease 2,197,898
2	Short Gestation 11,760	Congenital Anomalies 1,922	Malignant Neoplasms 1,593	Malignant Neoplasms 1,491	Homicide 19,978	HIV 23,935	Unintentional Injuries 43,023	Heart Disease 104,809	Heart Disease 201,533	Malignant Neoplasms 1,147,043	Malignant Neoplasms 1,617,565
3	SIDS 9,438	Malignant Neoplasms 1,350	Congenital Anomalies 706	Homicide 1,023	Suicide 13,328	Suicide 17,825	Heart Disease 40,047	Unintentional Injuries 29,523	Bronchitis Emphysema Asthma 30,143	Cerebro-vascular 419,616	Cerebro-vascular 477,724
4	Respiratory Distress Synd. 4,117	Homicide 1,247	Homicide 510	Suicide 931	Malignant Neoplasms 4,919	Homicide 16,665	HIV 39,570	HIV 17,951	Cerebro-vascular 29,087	Bronchitis Emphysema Asthma 274,359	Bronchitis Emphysema Asthma 317,955
5	Maternal Complications 3,802	Heart Disease 680	Heart Disease 387	Congenital Anomalies 647	Heart Disease 3,106	Malignant Neoplasms 14,327	Suicide 19,938	Cerebro-vascular 16,960	Diabetes 24,987	Pneumonia & Influenza 226,837	Unintentional Injuries 283,912
6	Placenta Cord Membranes 2,871	Pneumonia & Influenza 504	HIV 288	Heart Disease 554	HIV 1,318	Heart Disease 10,097	Homicide 11,689	Liver Disease 16,300	Unintentional Injuries 20,719	Diabetes 138,117	Pneumonia & Influenza 253,099
7	Unintentional Injuries 2,356	HIV 411	Pneumonia & Influenza 221	Bronchitis Emphysema Asthma 294	Congenital Anomalies 1,254	Cerebro-vascular 2,118	Liver Disease 10,853	Suicide 14,317	Liver Disease 15,921	Unintentional Injuries 91,315	Diabetes 183,657
8	Perinatal Infections 2,321	Septicemia 236	Bronchitis Emphysema Asthma 143	Pneumonia & Influenza 184	Bronchitis Emphysema Asthma 684	Diabetes 1,881	Cerebro-vascular 8,281	Diabetes 12,589	Pneumonia & Influenza 10,830	Alzheimer's Disease 63,461	Suicide 92,722
9	Pneumonia & Influenza 1,409	Perinatal Period 222	Benign Neoplasms 132	HIV 180	Pneumonia & Influenza 630	Pneumonia & Influenza 1,724	Diabetes 5,581	Bronchitis Emphysema Asthma 8,395	Suicide 8,675	Nephritis 62,838	HIV 90,761
10	Intrauterine Hypoxia 1,355	Benign Neoplasms 189	Anemias 98	Cerebro-vascular 135	Cerebro-vascular 527	Liver Disease 1,690	Pneumonia & Influenza 4,335	Pneumonia & Influenza 6,405	Septicemia 5,350	Septicemia 52,315	Liver Disease 75,444

United States Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	283,912	64.5%
Intentional	156,434	35.5%
Total (1995-1997)	440,346	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,782**

Rhode Island

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 51	Unintentional Injuries 12	Unintentional Injuries 8	Malignant Neoplasms 9	Unintentional Injuries 69	Unintentional Injuries 66	Malignant Neoplasms 184	Malignant Neoplasms 535	Malignant Neoplasms 1,011	Heart Disease 8,696	Heart Disease 9,837
2	Short Gestation 34	Heart Disease 5	Malignant Neoplasms 6	Unintentional Injuries 8	Suicide 39	Malignant Neoplasms 62	Heart Disease 117	Heart Disease 321	Heart Disease 659	Malignant Neoplasms 5,632	Malignant Neoplasms 7,460
3	Placenta Cord Membranes 21	Malignant Neoplasms 5	Septicemia 2	Pneumonia & Influenza 3	Homicide 36	Suicide 47	HIV 99	Unintentional Injuries 59	Diabetes 91	Cerebro-vascular 1,754	Cerebro-vascular 1,910
4	SIDS 16	Pneumonia & Influenza 4	Congenital Anomalies 1	Congenital Anomalies 2	Malignant Neoplasms 16	HIV 44	Unintentional Injuries 76	Liver Disease 57	Bronchitis Emphysema Asthma 86	Bronchitis Emphysema Asthma 1,136	Bronchitis Emphysema Asthma 1,257
5	Maternal Complications 10	Congenital Anomalies 2	Pneumonia & Influenza 1	HIV 2	HIV 6	Heart Disease 25	Suicide 51	Diabetes 46	Cerebro-vascular 75	Pneumonia & Influenza 874	Pneumonia & Influenza 956
6	Pneumonia & Influenza 7	Homicide 2	Homicide 1	Homicide 2	Heart Disease 6	Homicide 21	Liver Disease 43	Cerebro-vascular 42	Liver Disease 64	Diabetes 632	Diabetes 784
7	Respiratory Distress Synd. 7	HIV 1			Pneumonia & Influenza 4	Congenital Anomalies 8	Cerebro-vascular 30	HIV 41	Unintentional Injuries 50	Alzheimer's Disease 331	Unintentional Injuries 667
8	Neonatal Hemorrhage 6	Hernia 1			Cerebro-vascular 3	Liver Disease 8	Homicide 16	Suicide 41	Pneumonia & Influenza 28	Unintentional Injuries 314	Liver Disease 338
9	Perinatal Infections 6				Congenital Anomalies 2	Cerebro-vascular 4	Diabetes 12	Bronchitis Emphysema Asthma 28	Septicemia 17	Nephritis 245	Alzheimer's Disease 334
10	4 Tied				3 Tied	Pneumonia & Influenza 4	Pneumonia & Influenza 12	Pneumonia & Influenza 19	Nephritis 16	Septicemia 222	Nephritis 274

Rhode Island Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	667	66.6%
Intentional Injury	335	33.4%
Total (1995-1997)	1,002	100.0%

Average Number of Injury Deaths per Year
In Rhode Island = **334**

1995-1997 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,193	44.8%
Fall	33,633	11.8%
Poisoning	28,745	10.1%
Suffocation	12,987	4.6%
Drowning	12,360	4.4%
Fire/Burn	11,304	4.0%
Other Causes	57,690	20.3%
	283,912	100.0%

Rhode Island Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	257	38.5%
Fall	156	23.4%
Suffocation	42	6.3%
Drowning	37	5.5%
Fire/Burn	36	5.4%
Other Causes	139	20.8%
	667	99.9%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	54,235	58.5%
Suffocation	15,960	17.2%
Poisoning	15,355	16.6%
Other Causes	7,172	7.7%
	92,722	100.0%

Rhode Island Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	96	39.3%
Suffocation	70	28.7%
Poisoning	43	17.6%
Other Causes	35	14.3%
	244	99.9%

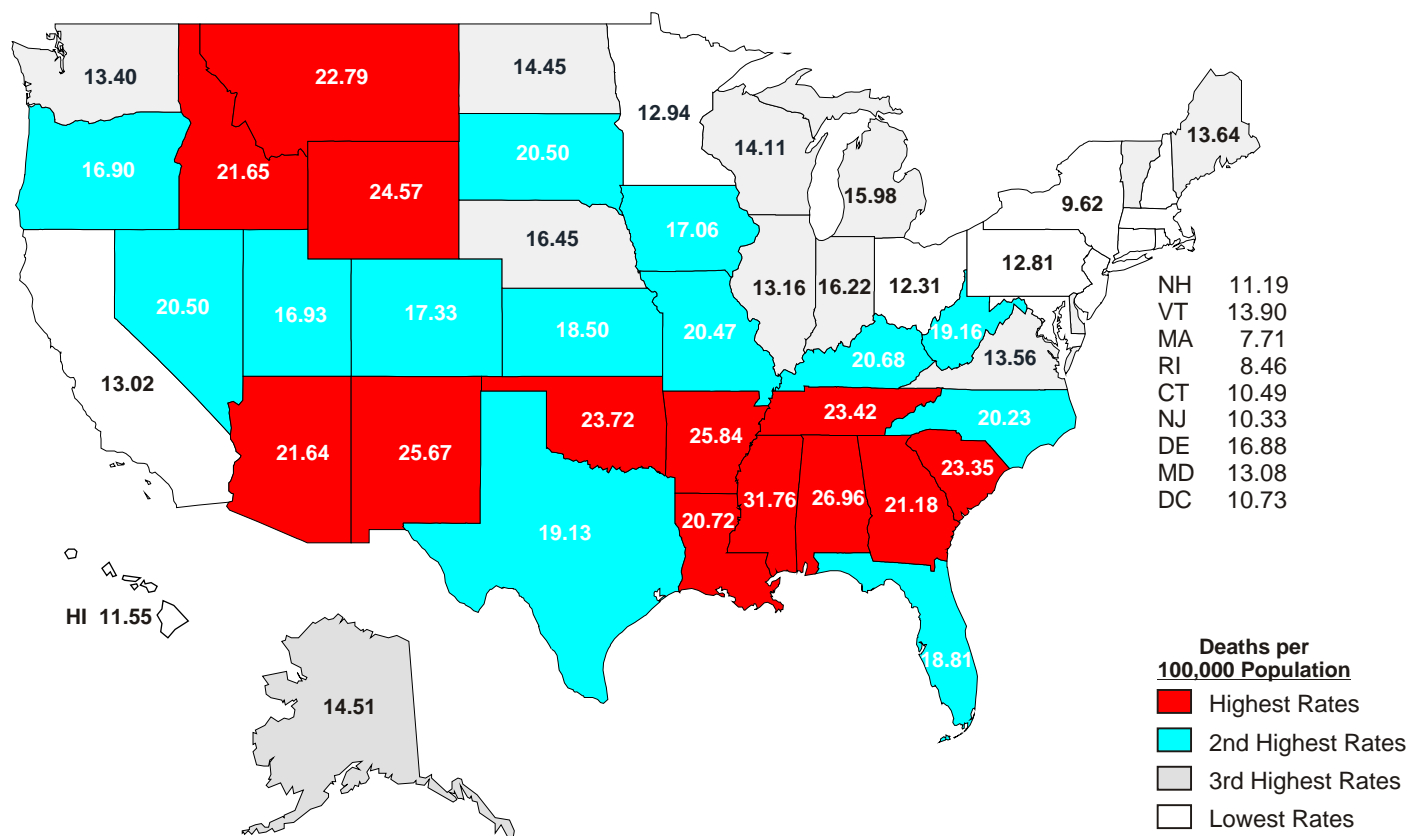
United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	43,684	68.6%
Cut/Pierce	7,647	12.0%
Suffocation	2,327	3.7%
Other Causes	10,054	15.8%
	63,712	100.0%

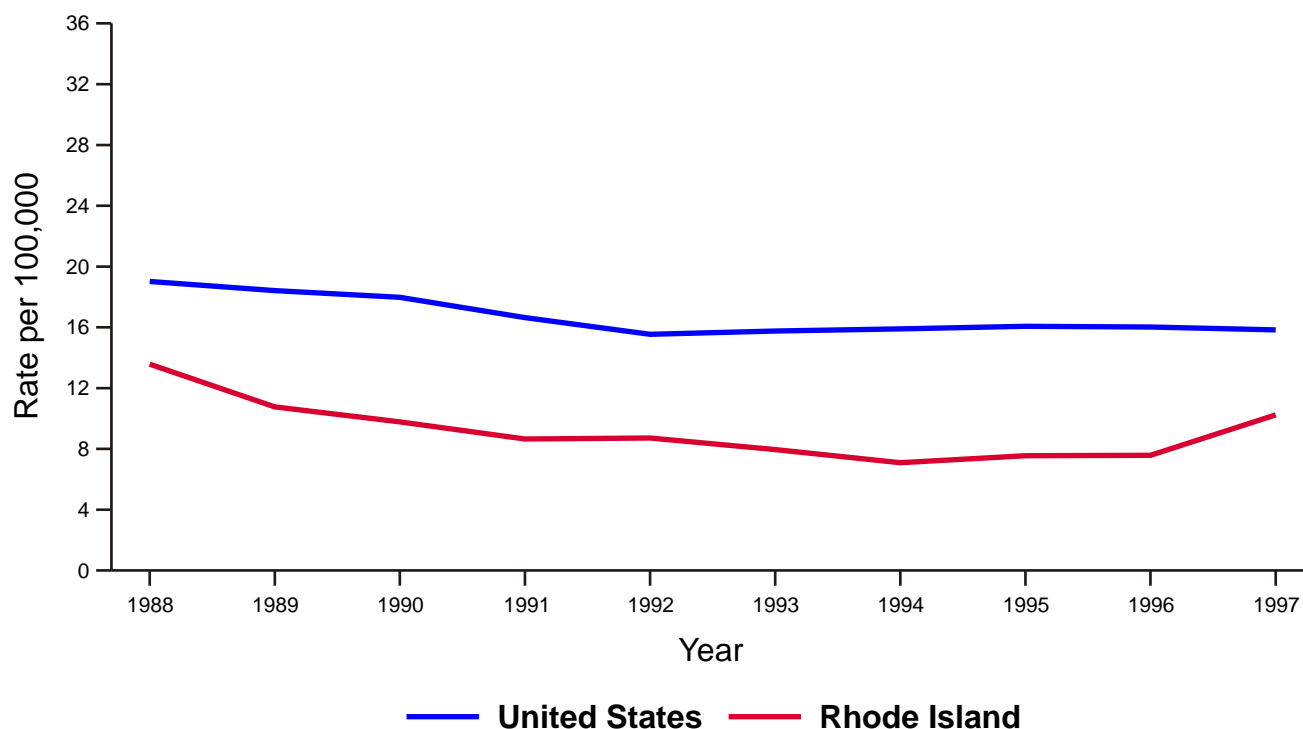
Rhode Island Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	56	61.5%
Cut/Pierce	11	12.1%
Suffocation	2	2.2%
Other Causes	22	24.2%
	91	100.0%

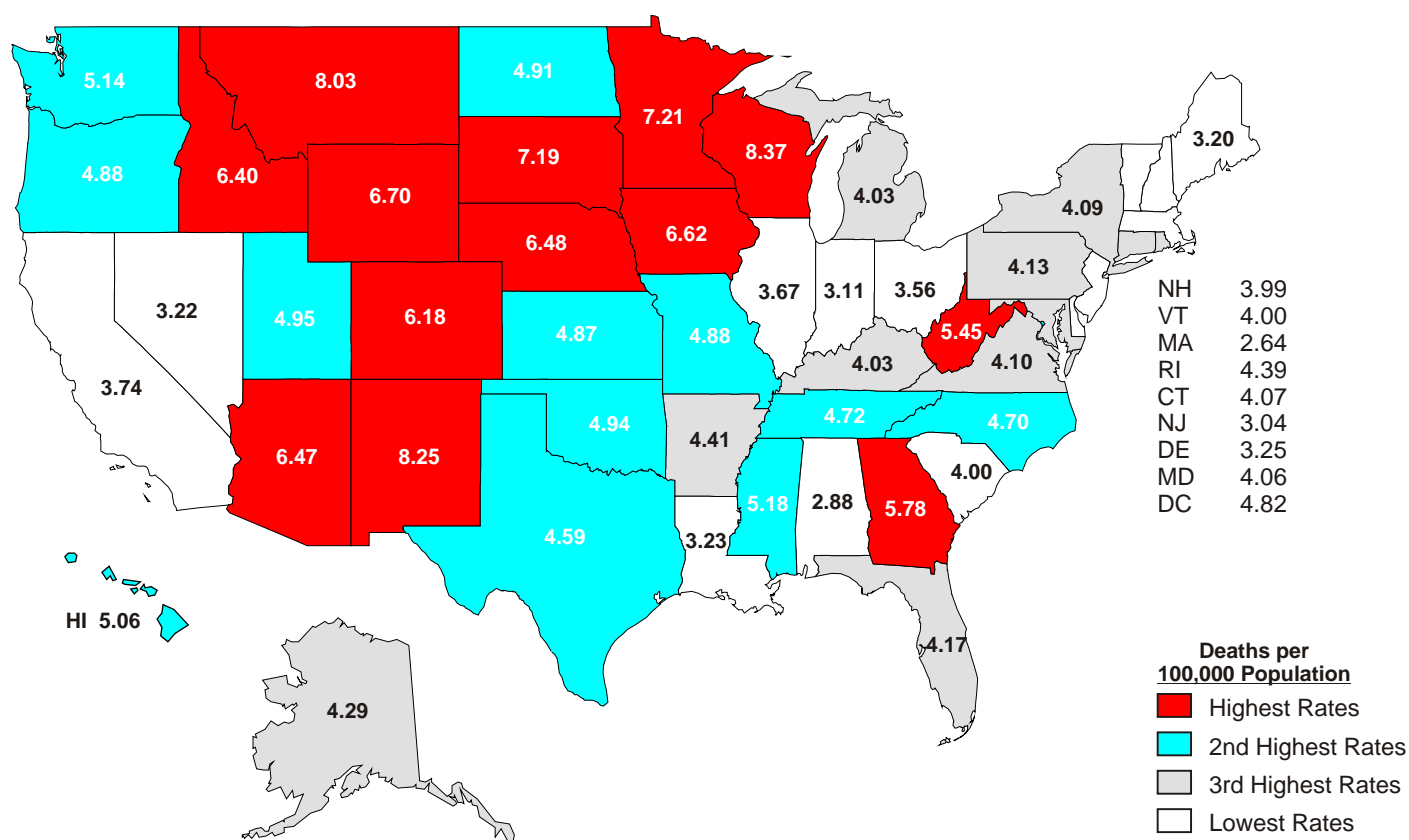
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1995-1997



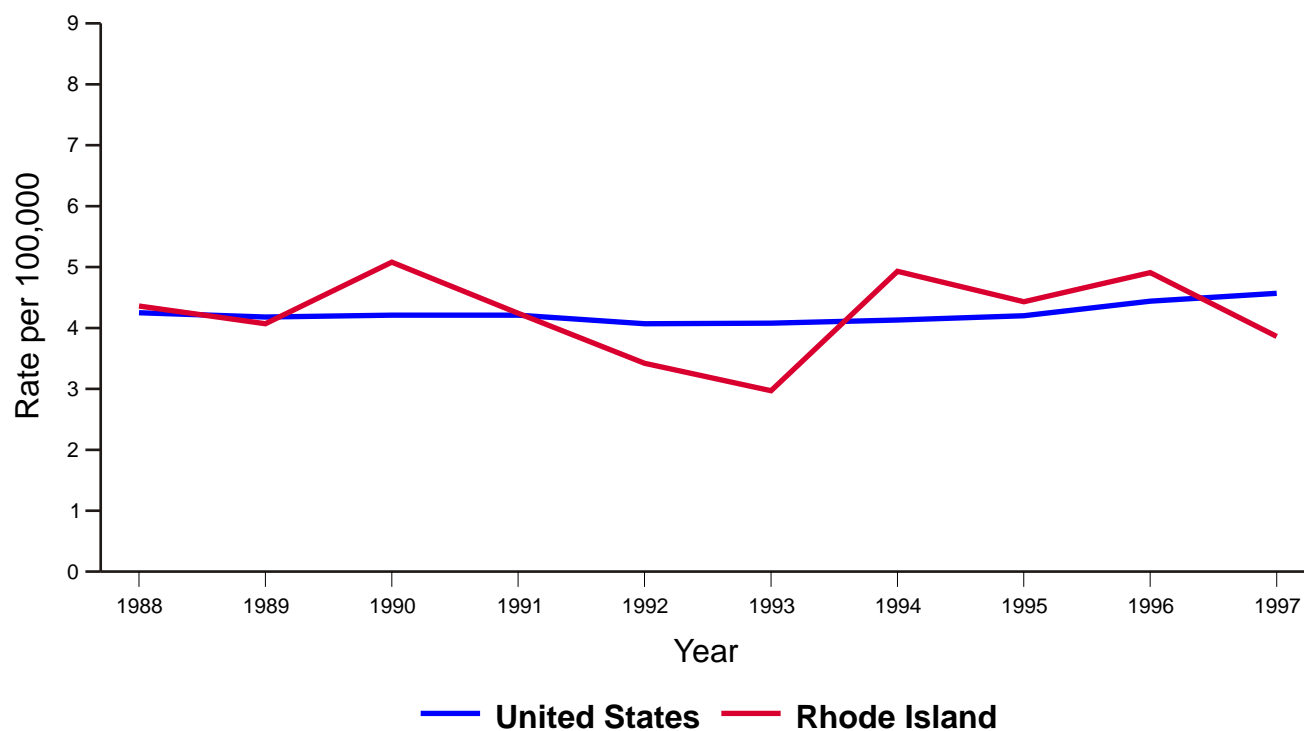
United States and Rhode Island 1988-1997



Unintentional Fall Death Rates United States, 1995-1997



United States and Rhode Island 1988-1997



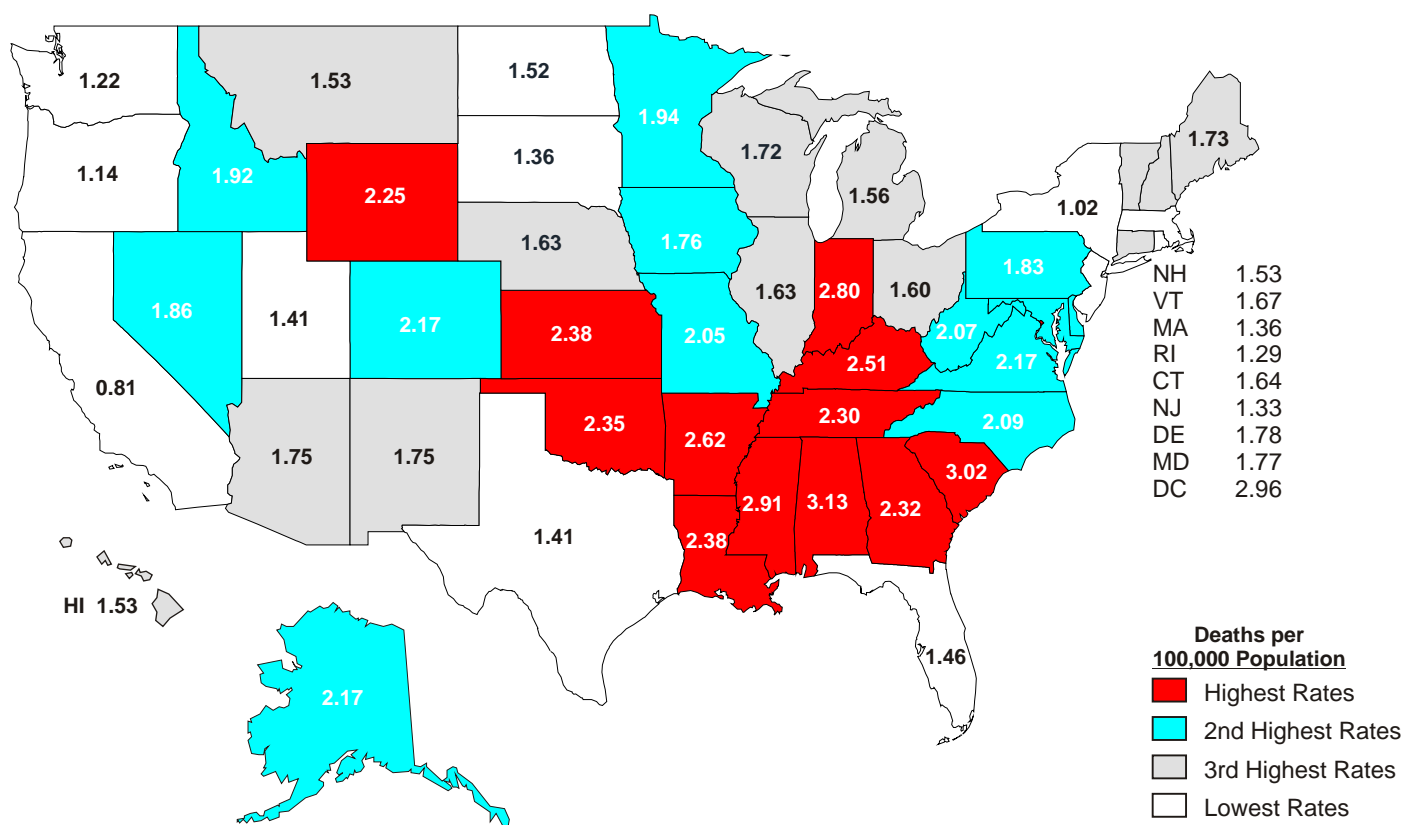
Deaths per 100,000 Population

- Highest
- 2nd Highest
- 3rd Highest
- Lowest

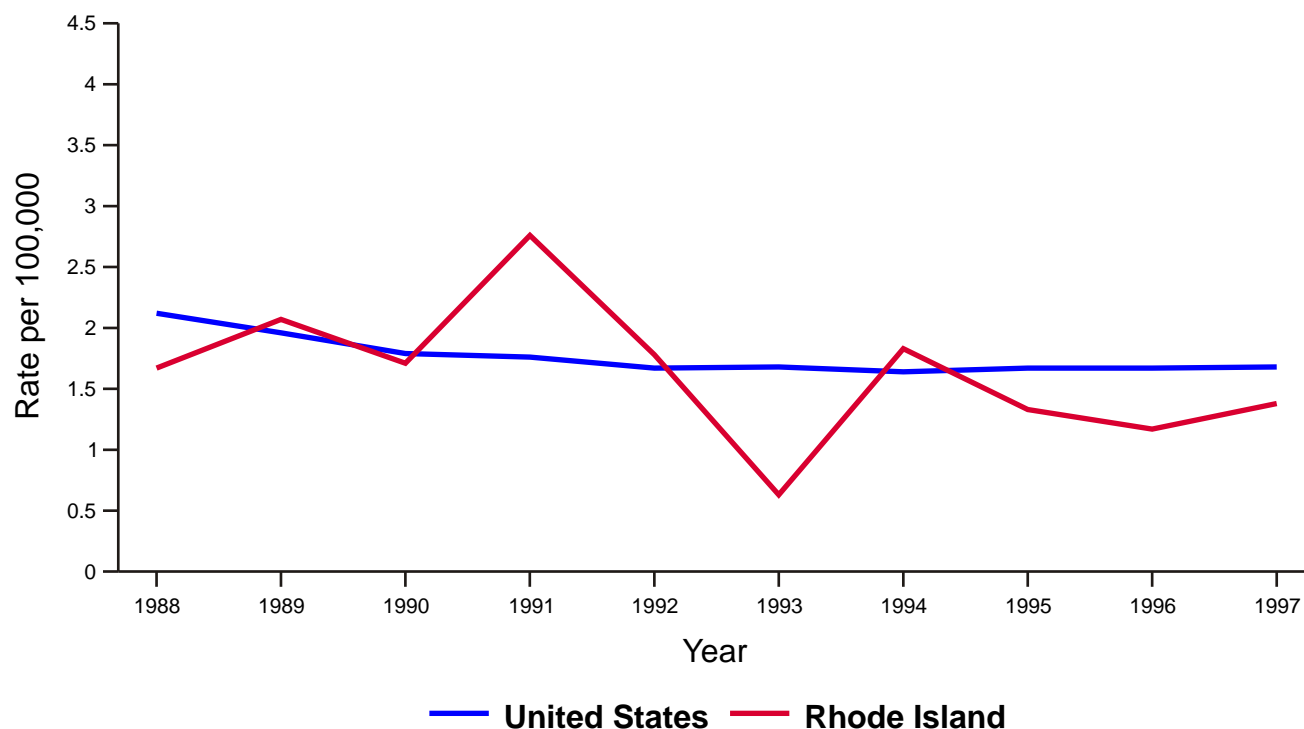
State	Deaths per 100,000 Population
WA	5.22
OR	5.21
CA	5.79
NV	4.49
HI	3.63
AK	6.47
MT	1.62
WY	1.30
SD	1.49
NE	1.27
KS	1.57
OK	10.34
TX	3.35
LA	2.42
MS	1.66
AL	2.19
GA	2.57
FL	3.26
SC	2.95
NC	2.70
VA	2.94
MD	0.81
DE	5.07
NJ	5.87
CT	5.69
RI	0.86
MA	0.55
VT	1.60
NH	1.59
ME	1.66
NY	6.14
PA	5.14
IL	3.81
IN	1.47
OH	2.45
MI	1.81
WI	1.83
MO	1.55
IA	1.49
ND	1.36
NE	1.57
KS	1.27
WY	1.49
MT	1.62
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GA	2.57
FL	3.26

Year	United States	Rhode Island
1988	2.5	2.0
1989	2.6	3.1
1990	2.3	2.7
1991	2.5	2.0
1992	2.7	1.1
1993	3.3	0.7
1994	3.4	0.3
1995	3.4	0.5
1996	3.6	0.8
1997	3.8	1.3

Unintentional Suffocation Death Rates United States, 1995-1997



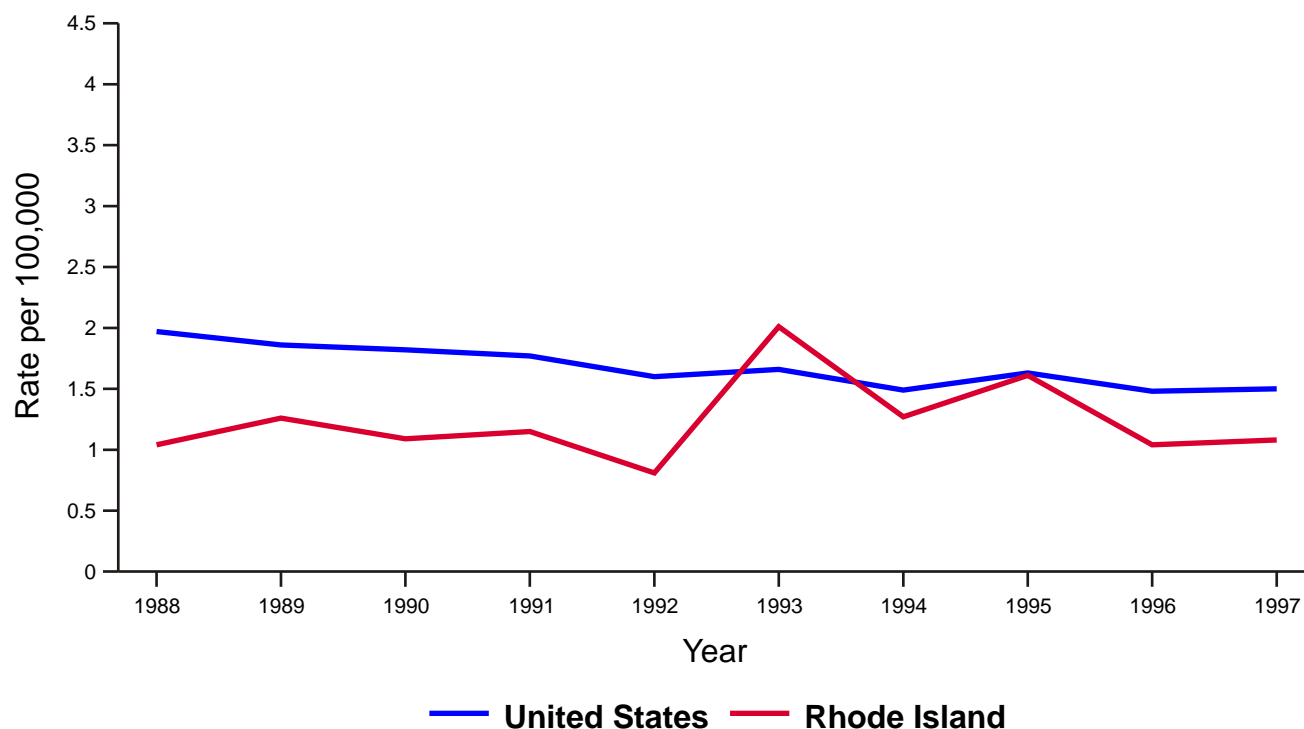
United States and Rhode Island 1988-1997



Unintentional Drowning Death Rates United States, 1995-1997



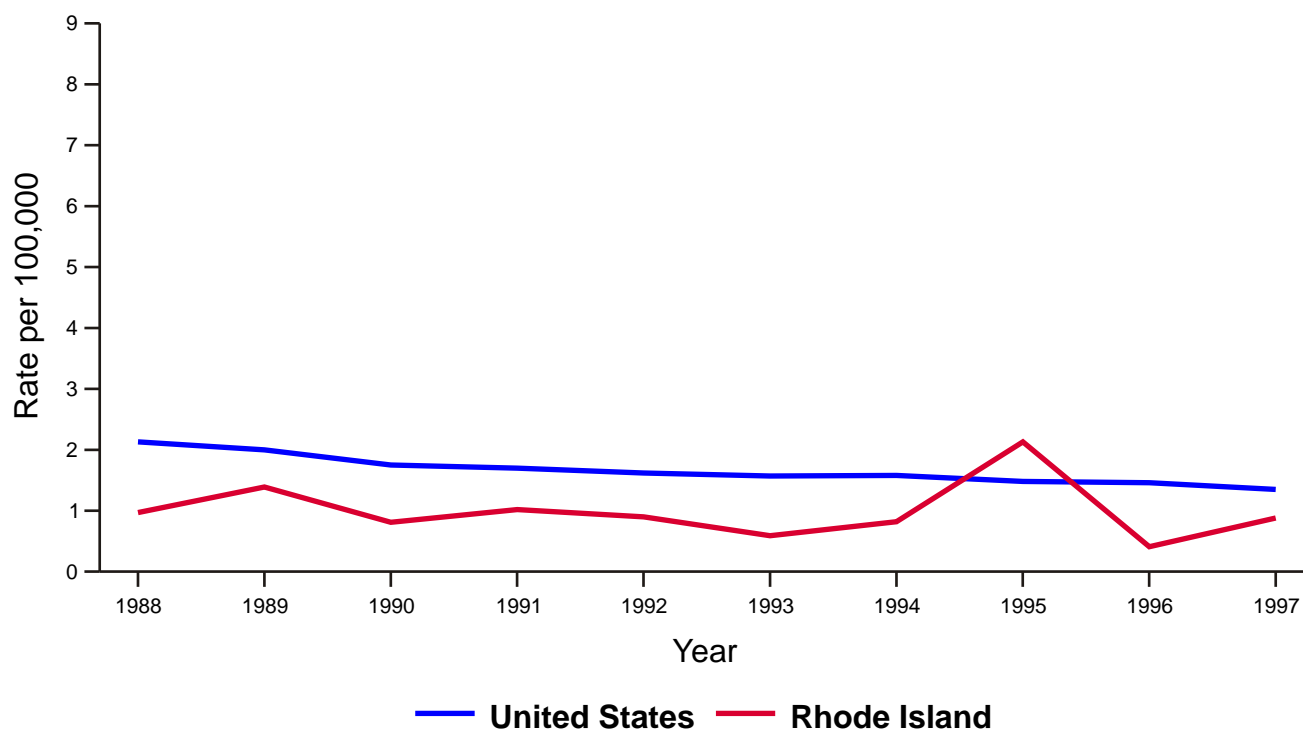
United States and Rhode Island 1988-1997



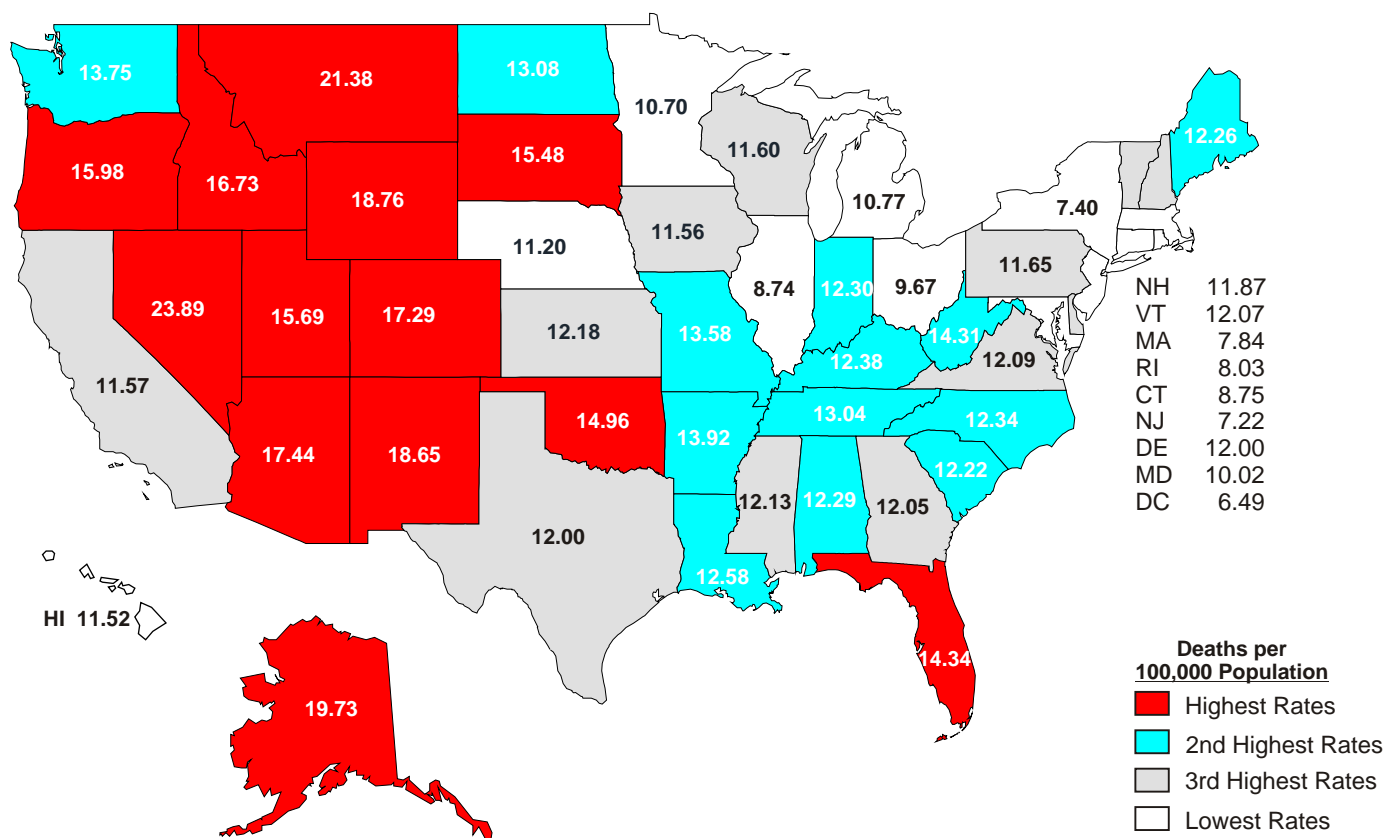
Unintentional Fire and Burn-Related Death Rates United States, 1995-1997



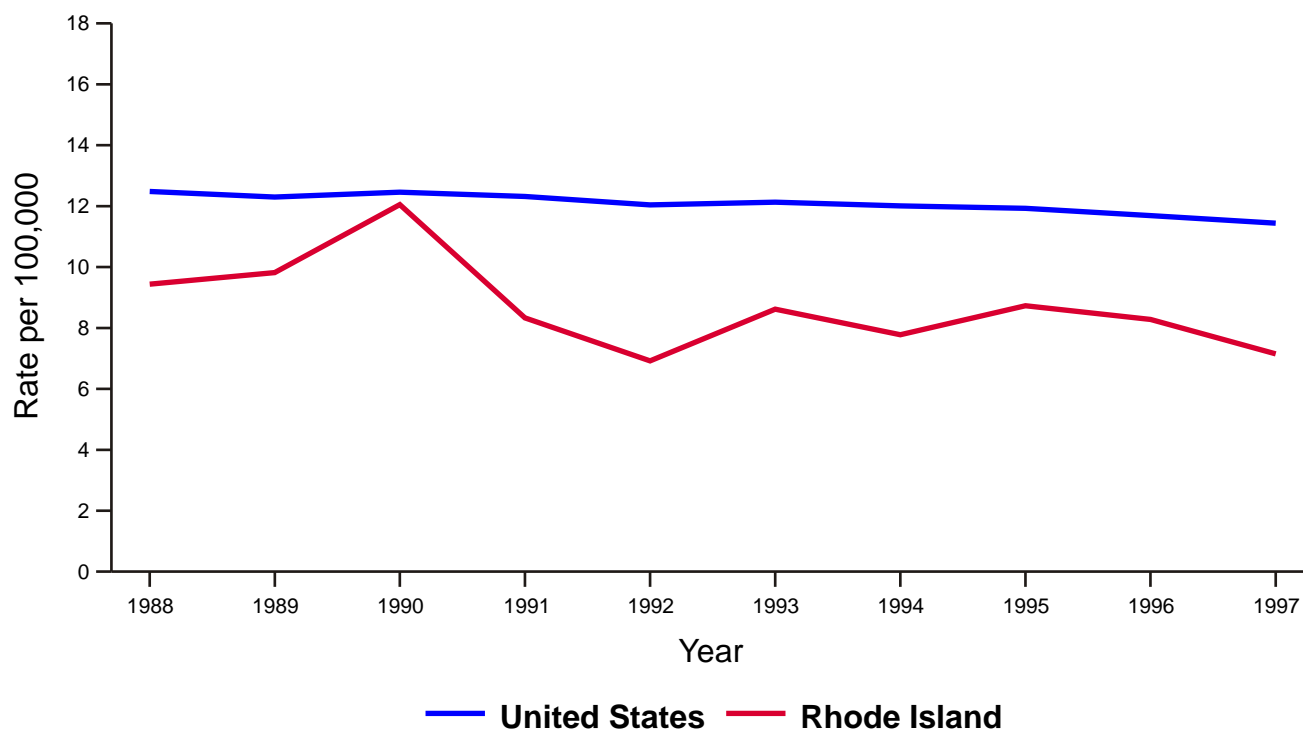
United States and Rhode Island 1988-1997



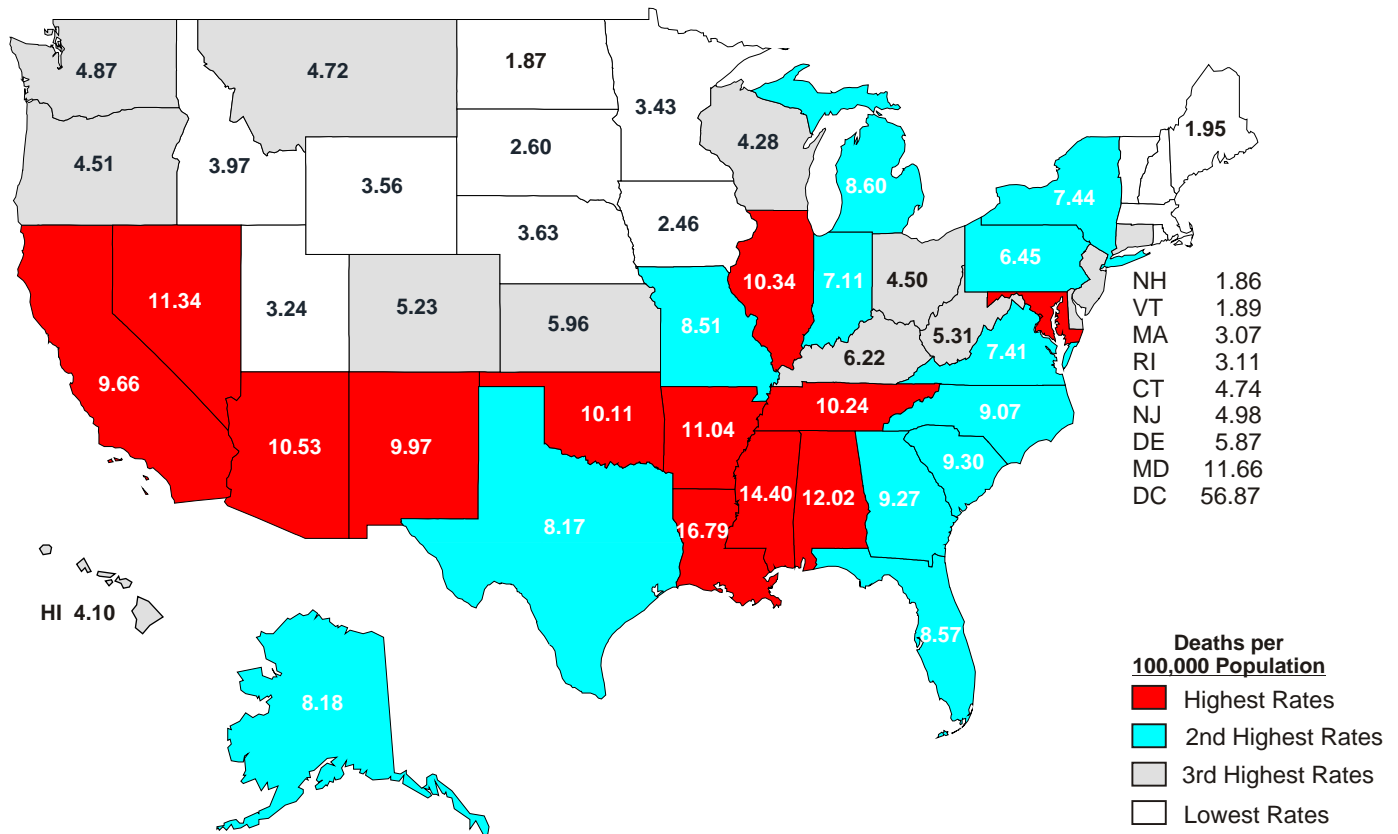
Suicide Death Rates United States, 1995-1997



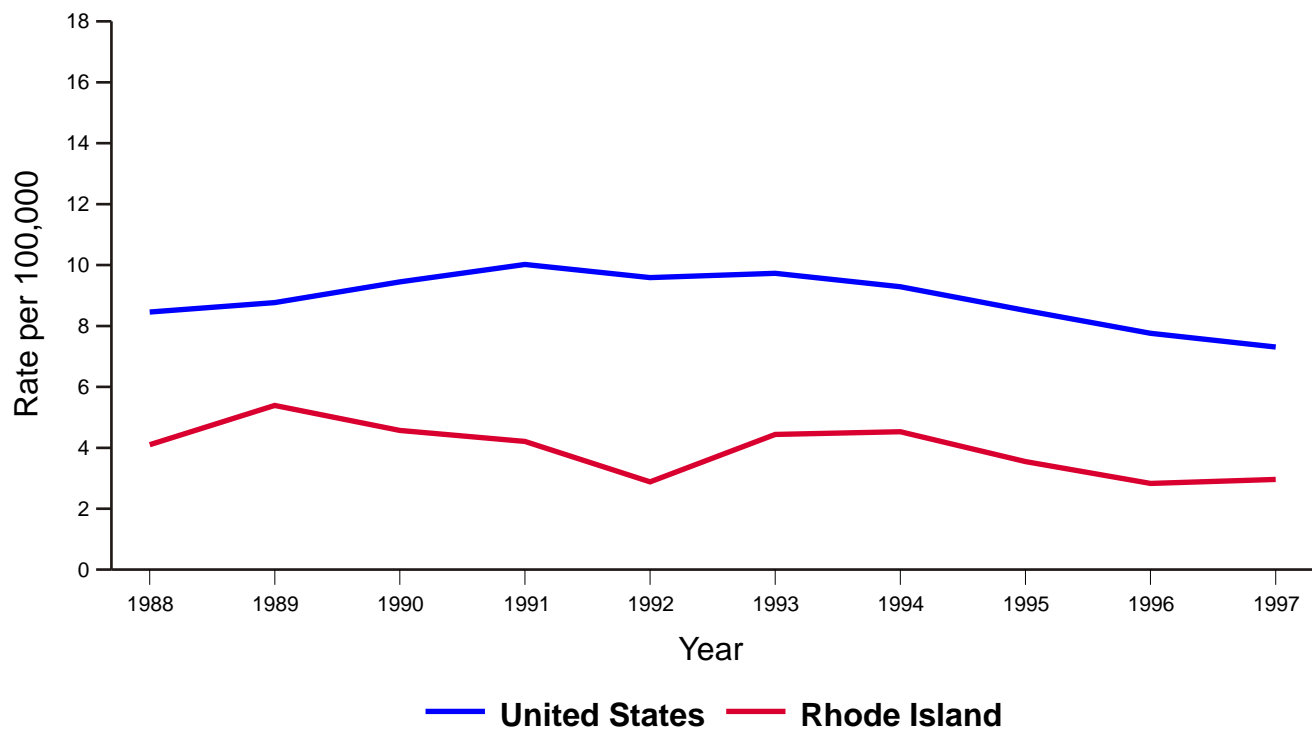
United States and Rhode Island 1988-1997



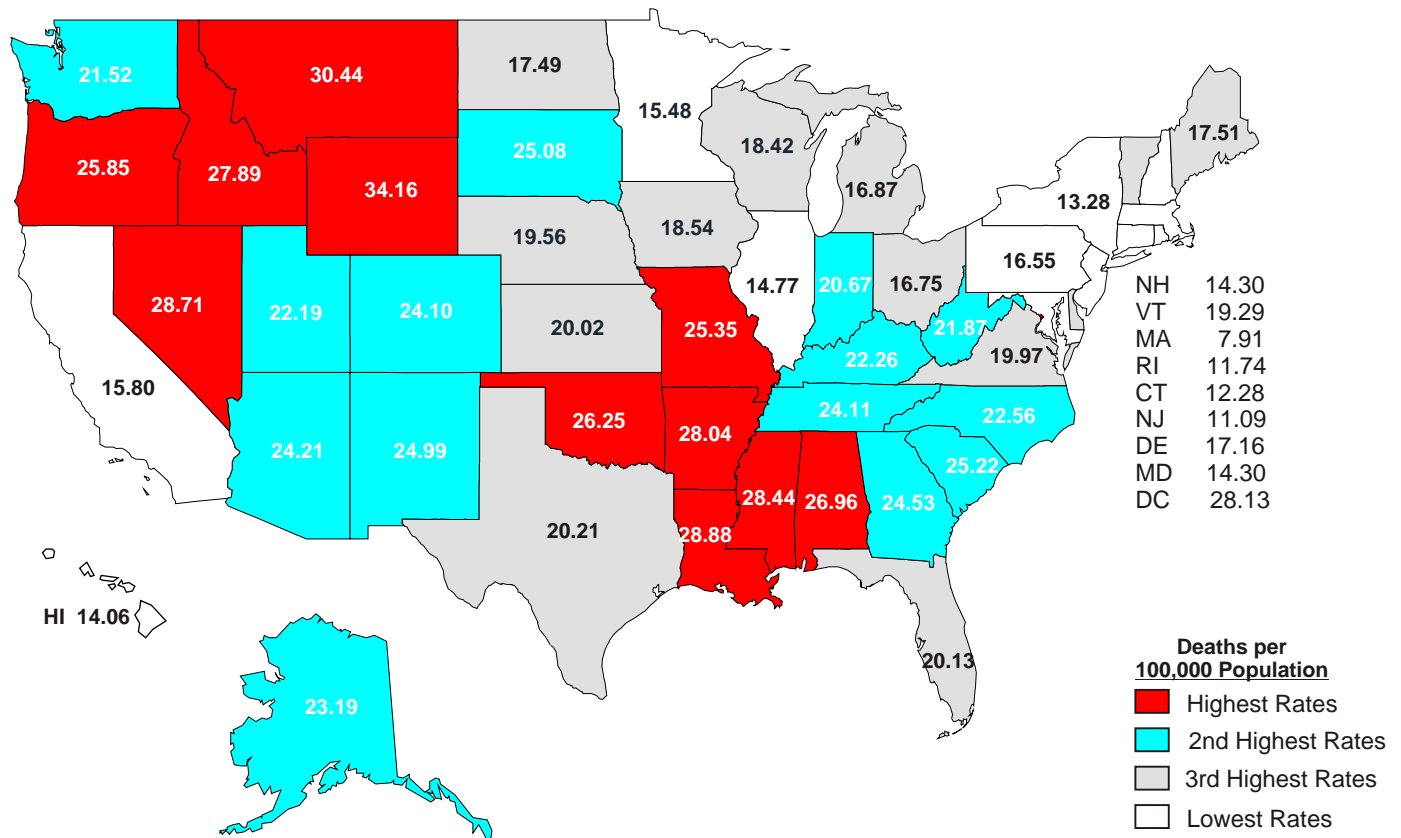
Homicide Death Rates United States, 1995-1997



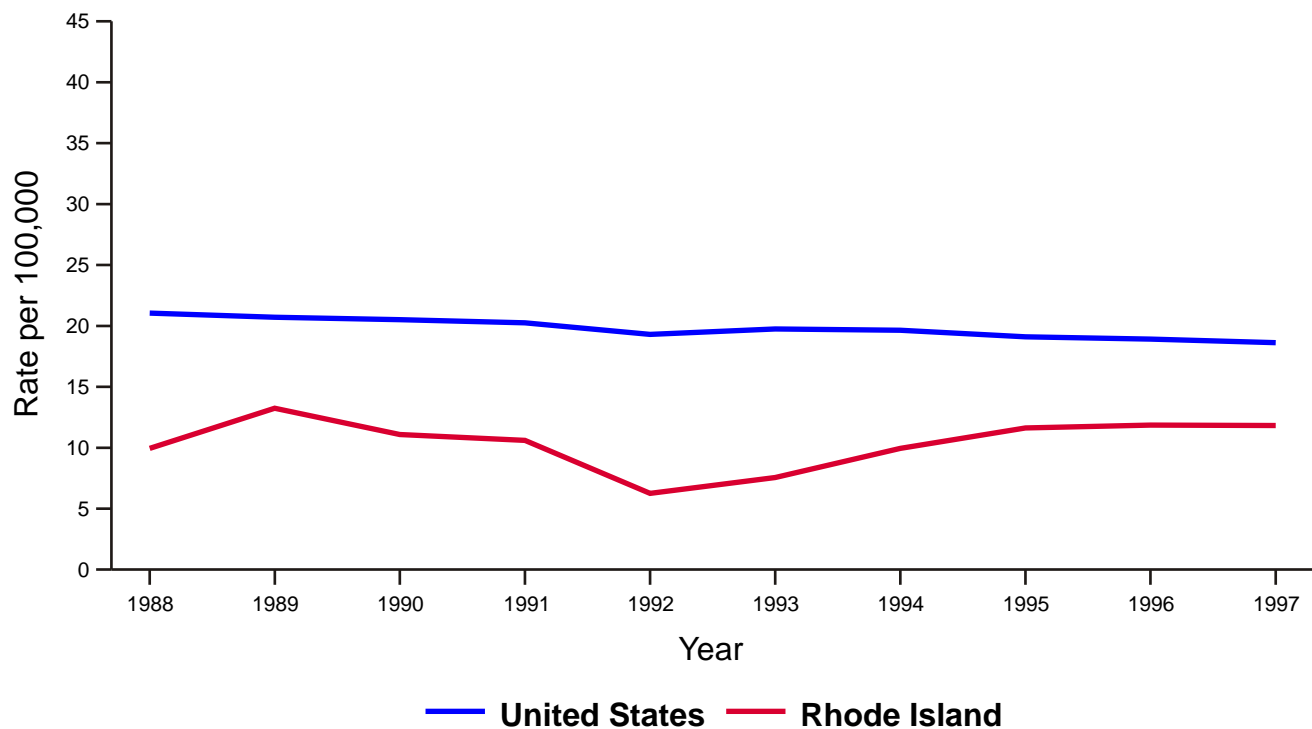
United States and Rhode Island 1988-1997



Traumatic Brain Injury-Related Death Rates* United States, 1995-1997

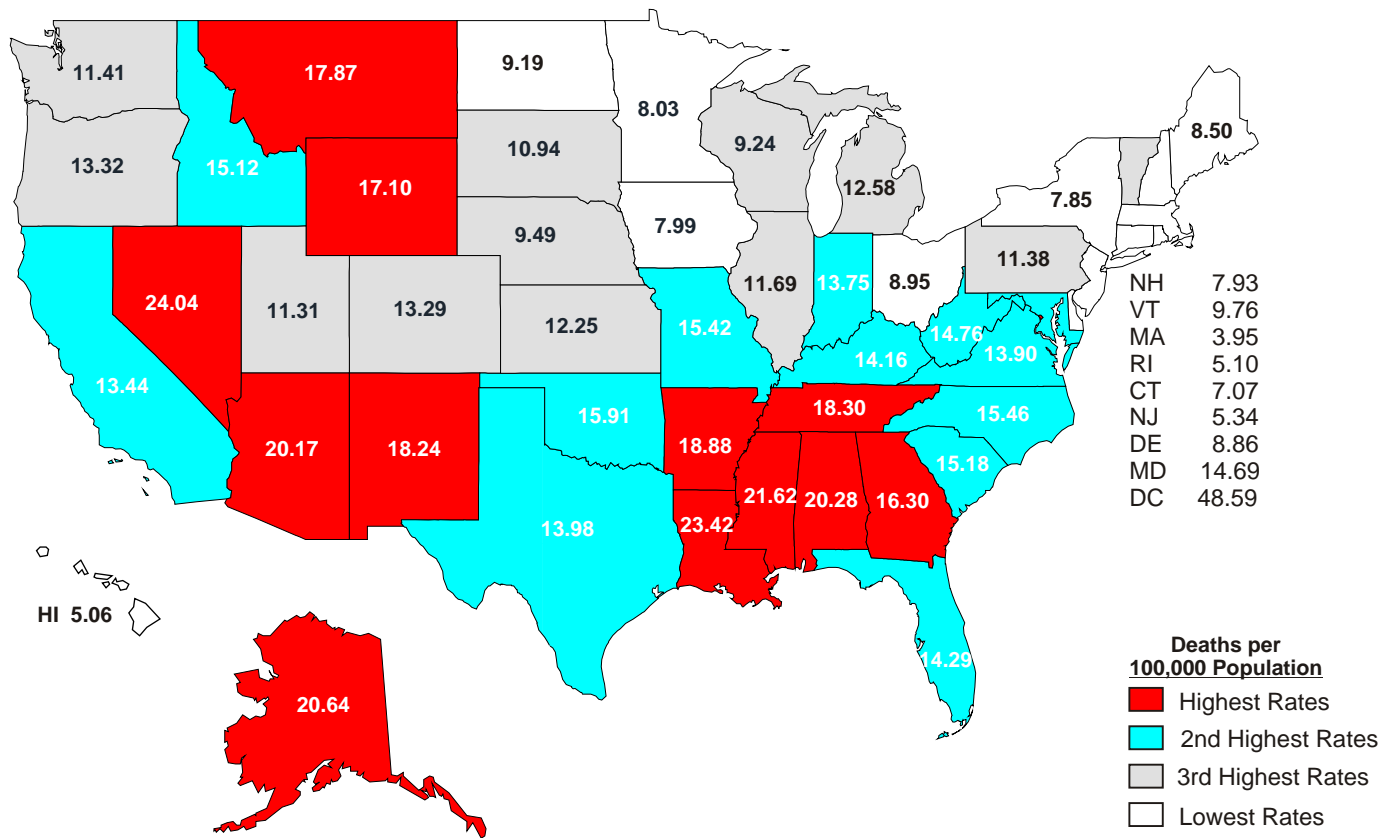


United States and Rhode Island 1988-1997

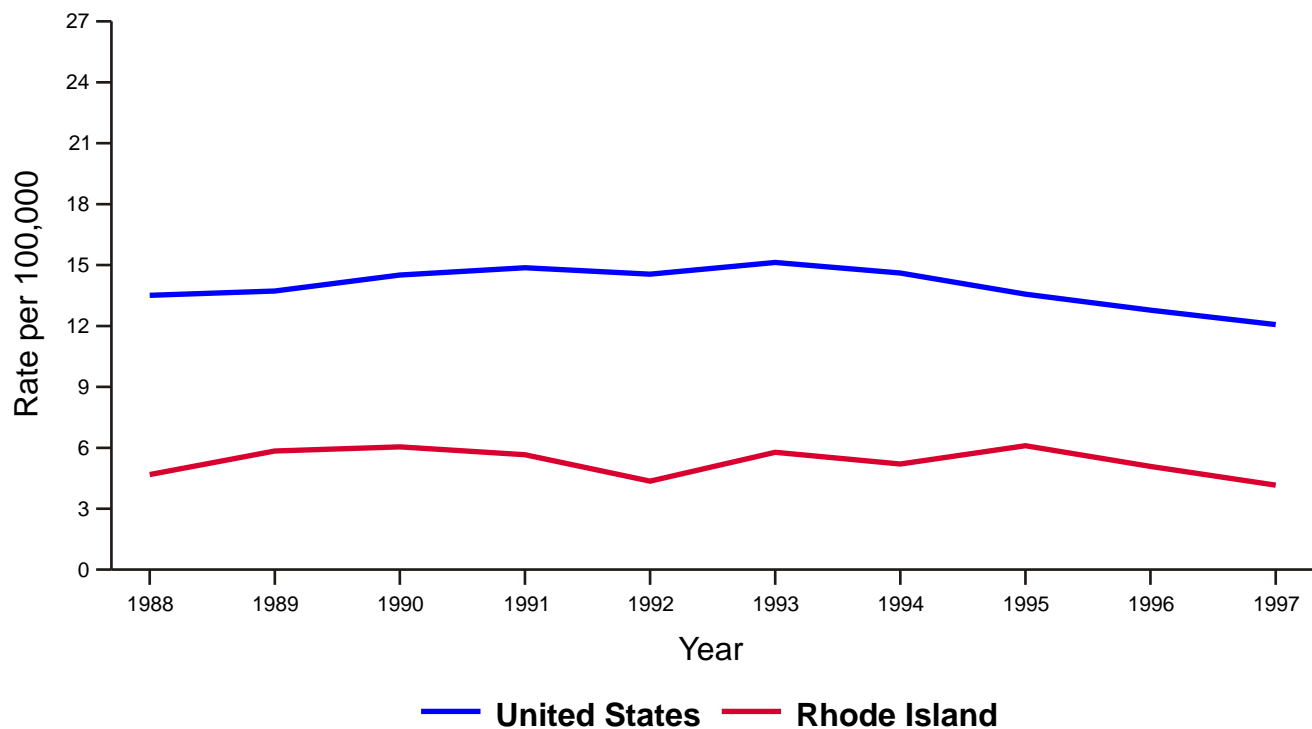


* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates* United States, 1995-1997



United States and Rhode Island 1988-1997



* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

RHODE ISLAND INJURY CONTROL PROJECTS

Cooperative Agreements

The National Center for Injury Prevention and Control (NCIPC) currently funds the following work through three cooperative agreements in Rhode Island:

- State Injury Intervention and Surveillance Program (Bike): a program to increase bicycle helmet availability and use in children 5–12 years old. Multifaceted bicycle helmet promotion programs are being implemented statewide and in targeted communities. (*Rhode Island Department of Health*)
- Traumatic Brain Injury Surveillance Program: a program to conduct population-based traumatic brain injury (TBI) surveillance to characterize the risk factors, incidence, external causes, severity, and short-term outcomes of TBI. This information will be used to help design prevention programs that address specific causes of TBI and populations at higher risk. These data may also be used to improve injured persons' access to health care and other services needed after injury. (*Rhode Island Department of Health*)
- Violence Against Women: a statewide program to reduce violence against women to coordinate statewide planning and assessment of domestic violence prevention services; provide technical assistance for the development of public education, victim identification training and referral protocols; and develop and improve surveillance systems for violence against women. (*Rhode Island Department of Health*)

Research Grants

At present, there are no extramural research projects in Rhode Island funded by the NCIPC.